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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 560043610129

First Inventor or Application Identifier Kimbrough et al.

Title Fiber to the Home (FTTH) Multimedia Access System

nly for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No. ELԿ8レ3Ч84午3ルS

APPLICATION ELEMENTS ADDRESS TO: Box Patent Application with patent applications. See MPEP chapter 600 concenting utility patent applications. See MPEP chapter 600 concenting utility patent application. See Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Descriptive tills of the Invention Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) ACCOMPANYING APPLICATION PARTS To Assignment Papers (cover sheet & document(s)) Total Pages To Traving(s) (35 U.S.C. 113) [Total Pages] A Oath or Declaration Newly executed (original or copy) Bull Copy from a prior application (37 C.F.R. § 1.63(d)) Copy from a prior application (37 C.F.R. § 1.63(d)) Copy from a prior application (37 C.F.R. § 1.63(d)) DELETION DE INVENTORIS Signed statement statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. § 1.63(d) (2) and 1.33(b). PROFESSION SERVING APPLICATION RELEGIATION SERVING Upon 10 To Avan Statut entire Fig. 8. Mark Interfect Copy of Prointing Copy of the Statement (including Copy) and Absolute the Statement (including Copy) and Absolute the Statement (including Copy) and Absolute the Statement (including Copy) and Copy to a prior application, see 37 C.F.R. § 1.63(d) (2) and 1.33(b). PROFESSION SERVING APPLICATION SERVING Upon 10 To Avan Statut entire Fig. 8. Mark Interfect Copy of Prointing Application, Status entire Fig. 8. Mark Interfect Copy of Prointing Copy and desired Copy of Prointing Copy and desired Copy of Prointing Copy and Copy an	Only for new i	nonprovisional applications under 37 C.P.R	. 9 1.33(b)) Expi	COO Man Ed	<i>Der 110.</i> C	2100510		
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Submit an original and a duplicate for fee processing) Four Pages Sp				5.	Microfiche			
Descriptive title of the Invention Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure Torwing(s) (35 U.S.C. 113) Drawing(s) (35 U.S.C. 113) Draw	2. Sp	pecification : [Total Page			ـــــ cleotide and/	or Amino Acid		
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4. Oath or Declaration Total Pages 1	A	Abstract of the Disclosure] ^{9.}	J *		, ,,	
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City Cleveland State Ohio Zip Code 44114	Custon	ner Number or Bar Code Label						
Name David B. Cochran, Esq. JONES, DAY, REAVIS & POGUE Address North Point 901 Lakeside Avenue City Cleveland State Ohio Zip Code 44114 Country US Telephone (216) 586-7029 Fax (216) 579-0212 Name (Print/Type) David B. Cochran, Esq. Registration No. (Attorney/Agent) 39,142			ustomer No. or Att	ach bar code	label here)			
North Point 901 Lakeside Avenue	Name	· · · · · · · · · · · · · · · · · · ·		,		_		A.A.
State Ohio Zip Code 44114	name	JONES, DAY, REAVIS & POGUE						
901 Lakeside Avenue	Address	North Point						
Country US Telephone (216) 586-7029 Fax (216) 579-0212 Name (Print/Type) David B. Cochran, Esq. Registration No. (Attorney/Agent) 39,142		901 Lakeside Avenue						
Name (Print/Type) David B. Cochran, Esq. Registration No. (Attorney/Agent) 39,142	City	Cleveland	State			Zip Code		
	Country	US	Telephone	(216) 58	6-7029	Fax	(216) 579-0212	
Signature David Books and Date March 28, 2000	Name (I	Print/Type) David B. Cochran, Esq.		Re	gistration No. (Attorney/Agent)	39,142	\neg
	Signatur	· David B.Com	In an			Date	March 28, 2000	

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PTO/SB/17 (12-98)

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FEE TRANSMITTAL	Complete if Known				
	Application Number	Not Issued			
for FY 1999	Filing Date	March 28, 2000			
Patent fees are subject to annual revision.	First Named Inventor	Kimbrough et al.			
Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name	Unknown			
	Group / Art Unit	Unknown			
TOTAL AMOUNT OF PAYMENT (\$) 1,182.00	Attorney Docket No.	560043610129			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit	3. ADDI Large Enti Fee Fee Code (\$)	ity Small e Fee	Entity Fee		Fee Paid
Account Number 10-1202 (Ref. 560043610129)	105 130	-	65	Surcharge - late filing fee or oath	
Deposit Account Name JONES, DAY, REAVIS & POGUE	127 50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Charge Any Additional	139 130	139 1	130	Non-English specification	
Fee Required Under 37 CFR 1.16 and 1.17	147 2,520	0 147 2	,520	For filing a request for reexamination	
	112 920)* 112	920*	Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed: Check Money Other	113 1,840	0* 113 ⁻	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	115 110	215	55	Extension for reply within first month	
FEE CALCULATION	116 380	216 1	190	Extension for reply within second month	
1. BASIC FILING FEE	117 870	217 4	135	Extension for reply within third month	
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360	0 218 6	80	Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid 101 760 201 380 Utility filing fee \$690.00	128 1,850	0 228 9	25	Extension for reply within fifth month	
101 760 201 380 Utility filing fee \$\\$690.00\$ 106 310 206 155 Design filing fee	119 300	219 1	150	Notice of Appeal	
107 480 207 240 Plant filling fee	120 300	220 1	150	Filing a brief in support of an appeal	
108 760 208 380 Reissue filing fee	121 260	221 1	130	Request for oral hearing	
114 150 214 75 Provisional filing fee	138 1,510	0 138 1,	510	Petition to institute a public use proceeding	
114 130 214 73 Flovisional lilling lee	140 110	240	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 690.00	141 1,210	0 241 6	605	Petition to revive - unintentional	
2. EXTRA CLAIM FEES	142 1,210	0 242 6	05	Utility issue fee (or reissue)	
Fee from Extra Claims below Fee Paid	143 430	243 2	215	Design issue fee	
Total Claims 43 -20** = 23 X \$18.00 = 414.00	144 580	244 2	90	Plant issue fee	
Independent 4 - 3** = 1 X \$78.00 = 78.00	122 130	122 1	30	Petitions to the Commissioner	
Multiple Dependent =	123 50	123	50	Petitions related to provisional applications	
**or number previously paid, if greater; For Reissues, see below	126 240	126 2	240	Submission of Information Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40	581		Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146 760	246		Filing a submission after final rejection	
102 78 202 39 Independent claims in excess of 3	149 760	249		(37 CFR 1.129(a))	
104 260 204 130 Multiple dependent claim, if not paid	143 700	243		For each additional invention to be examined (37 CFR 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent	Other fee (s	specify) _			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify)					
SUBTOTAL (2) (\$) 492.00	Reduced b	y Basic F	iling F	ee Paid SUBTOTAL (3) (\$)	
SURMITTED BY Complete (if applicable)					

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	David B. Cochran, Esq.			Reg. Number	39,142
Signature	Devil B. Cocha	Date	March 28, 2000	Deposit Account User ID	

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